

ABSTRACT

The present invention is directed to an abrasive article and methods of making the abrasive article. An abrasive coating on the abrasive article comprises at least 20% by weight of a superabrasive particle. The abrasive coating is derived from an abrasive slurry. The abrasive slurry may comprise and a dispersant having an AV wherein $AV = 1000 * [(Amine\ Value) / (Mw)]$. The dispersant comprises a polymer having a molecular weight (Mw) of greater than 500g/mol and an AV of greater than 4.5, a polymer having a molecular weight (Mw) of greater than 10,000g/mol and an AV of greater than 1.0, or a polymer having a molecular weight (Mw) of greater than 100,000g/mol and an AV of greater than 0.

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